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## A NEW FOSSIL BUSYCON (FULGUR) FROM FLORIDA.

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### BUSYCON MONTFORTI n. sp. Plate VI.

Shell large, solid. Whorls about seven; those of the spire with slight nodules, which on the body whorl develop progressively into small, medium, and then large spines, ten in number on the specimen figured; these spines are flattened above, and partly so below, and differ from those of *Busycon eliceans* Montf., by being filled by the successive growth additions. Surface covered with raised lines, except on the middle of the body whorl. Aperture within still yellowish-brown. Canal contracted and twisted somewhat to the left. Inner lip with a strong callus carrying a fold at the angle with the canal; outer lip corrugated within. The specimen has the spire slightly broken, but it is probably pointed like *Busycon eliceans*. The canal is considerably shortened by breakage.

*Locality*: Shoal River, Walton County, West Florida.

*Remarks*: The geological horizon is in the Upper Oligocene of Dall. This species is especially interesting because it shows that *Busycon eliceans* Montf. is a distinct form with an Oligocene (?) ancestor. There are a number of minor differences between the two species, but when placed side by side they show without question their intimate relations. The descent of the group will need to be considerably modified to conform to the new discovery.